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**Amendments to the Claims:**

Claim 1 (currently amended) A method for workpiece movement and positioning  
comprising the steps of:

loading the workpiece;

moving the said workpiece linearly to a predetermined location;

stopping the said linear movement of the said workpiece at the said predetermined  
location;

returning the said workpiece to its original location;

and unloading the said workpiece;

and/or the optional steps of:

~~loading the workpiece;~~

~~constantly rotating the said workpiece when the said workpiece is moving linearly or  
at the said predetermined location;~~

~~moving the workpiece linearly to a predetermined location;~~

~~stopping the linear movement of the workpiece at the predetermined location;~~

~~returning the workpiece to its original location;~~

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~~and unloading the workpiece;~~

and/or the optional steps of:

~~loading the workpiece;~~

~~moving the workpiece linearly to a predetermined location;~~

~~stopping the linear movement of the workpiece at the predetermined location;~~

~~not constantly rotating the said workpiece when the said workpiece is moving linearly or at~~

~~the said predetermined location and instead holding the said workpiece in a fixed~~

position for a predetermined period of time;

~~returning the workpiece to its original location;~~

~~and unloading the workpiece;~~

and/or the optional steps of:

~~loading the workpiece;~~

~~moving the workpiece linearly to a predetermined location;~~

~~stopping the linear movement of the workpiece at the predetermined location;~~

~~not constantly rotating the said workpiece when the said workpiece is moving linearly or at~~

~~the said predetermined location and instead holding the said workpiece in a fixed~~

position for a predetermined period of time;

lowering the said workpiece a predetermined distance;

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indexing the said workpiece by rotating the said workpiece a predetermined incremental amount;  
  
raising the said workpiece back into position;  
  
holding the said workpiece in a fixed position for a predetermined amount of time;  
  
and  
  
repeating the said lowering, indexing, raising and holding steps until the workpiece has been indexed 360 degrees or less as required by the said workpiece;  
  
~~returning the workpiece to its original location;~~  
  
~~and unloading the workpiece.~~

Claim 2 (previously presented) The method as set forth in claim 1 including an induction coil and quench means; the step of activating the induction coil and quench means as the workpiece travels linearly to harden the workpiece.

Claim 3 (previously presented) The method as set forth in claim 2 including the step of moving the workpiece back through the activated induction coil at a substantially greater speed than the speed of the workpiece during hardening of the workpiece wherein the workpiece is tempered.

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Claim 4 (previously presented) The method as set forth in claim 1 including an induction coil and quench means; the step of activating the induction coil and quench means while the workpiece is being held in position.

Claim 5 (previously presented) The method of claim 1 including any of the means for milling, drilling, welding, assembling, stamping, marking or bending; including the step of activating the means for milling, drilling, welding, assembling, stamping, marking or bending.

Claim 6 (previously presented) A workpiece movement and positioning device, the workpiece being located on center with the movement and positioning device, the workpiece movement and positioning device comprising:

- a frame for attaching the workpiece movement and positioning device;
- a computer or control mechanism for turning on and off the workpiece movement and positioning device and other components and/or attachments;
- an actuator consisting of a ball screw/ball spline assembly with servo motors and a lift shaft for providing the linear and rotational movement of the workpiece such that the workpiece can be caused to move linearly, linear and hold, linearly with rotation, and/or lift and index;

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a means for moving the lift shaft linearly without undue bending or flexing;

a means for holding the workpiece in position on the lift shaft;

a manual safety switch to prevent the device from being operated unintentionally.

Claim 7 (previously presented) The workpiece movement and positioning device of claim 6 further comprising shielding and drain pans to contain any quench fluid and as a safety guard.

Claim 8 (previously presented) The workpiece movement and positioning device of claim 7 further comprising induction hardening and quenching means wherein the workpiece and hardening means can be operated in either a scan hardening process, a pop up induction hardening process and/or a lift and index hardening process.

Claim 9 (previously presented) The workpiece movement and positioning device of claim 7 further comprising other working tools controlled by the computer to perform work in the workpiece.

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